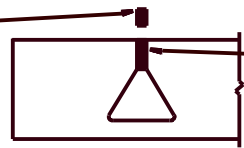
**NOTES:**

1. DESIGN OF LIFTING DEVICE SHALL SATISFY ACI SHEAR REQUIREMENTS ALONG LIFTING SLOTS.
2. CONTRACTOR SHALL DISTRIBUTE LOAD EQUALLY BETWEEN THE FOUR LIFTING DEVICES BY USING A STRONGBACK OR APPROVED EQUAL.

**SLING LIFTING DEVICE**

NO SCALE

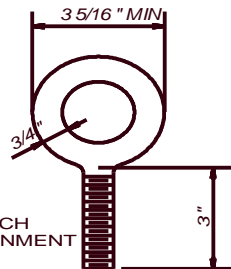
HEAVILY GREASED SETTING PLUG (MANUFACTURED BY DAYTON-SUPERIOR TYPE T-7 OR APPROVED EQUAL) SETTING PLUG SHALL REMAIN INSERTED UNTIL REMOVED BY THE OWNER. IF THE USE OF THE COIL INSERTS IS REQ'D FOR COVER INSTALLATION, THE CONTRACTOR SHALL RE-GREASE SETTING PLUG AND INSERT INTO COIL INSERT AFTER COVER INSTALLATION IS COMPLETE. INSTALL 4 INSERTS PER COVER EACH 12" FROM THE TRENCH TOP SIDE AND 12" FROM TRENCH TOP END.



3/4"  $\phi$  X 6" LENGTH COIL INSERT FOR 8" COVERS OR 3/4"  $\phi$  X 4" LENGTH COIL INSERT FOR 6" COVERS AS MANUFACTURED BY DAYTON-SUPERIOR TYPE B-17 OR APPROVED EQUAL. MIN. TENSILE CAPACITY SHALL BE 4500 lbs.

**SECTION**

NO SCALE



**NOTE:**  
PROVIDE 1 SET OF 4 OF EACH EYE BOLT TYPE TO GOVERNMENT AT END OF CONTRACT.

**NOTE:**  
DETAIL APPLIES FOR TRENCH COVERS AT ALL ROAD CROSSINGS, AND AT ALL PARKING LOT CROSSINGS. DETAIL ALSO APPLIES TO ALL TRENCH COVERS THAT BUTT UP TO BACK OF CURBS, AND ANY OTHER AREAS THAT WOULD RESTRICT THE USE OF THE STANDARD LIFTING DEVICES. LIFTING SLOTS SHALL BE PROVIDED IN ALL TRENCH COVERS REGARDLESS OF WHETHER COIL INSERTS ARE USED OR NOT.

**MINIMUM EYE BOLT REQUIREMENTS**

NO SCALE

**EYE BOLT LIFTING DEVICE**

NO SCALE

FIGURE 4-9. TYPICAL LIFTING DEVICES.